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Mail Stop ISSUE FEE
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INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

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27510 7590 08/10/2005

KILPATRICK STOCKTON LLP
607 14TH STREET, N.W.
WASHINGTON, DC 20005
11/14/2005 MBYEN02 00000105 09925009

01 FC:1501 1400.00 OP
02 FC:8001 30.00 OP



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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/925,009	08/09/2001	Victor V. Verbinski	SAIC0055-C-CIP-C	5406

TITLE OF INVENTION: DENSITY DETECTION USING REAL TIME DISCRETE PHOTON COUNTING FOR FAST MOVING TARGETS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$0	\$1400	11/10/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
GAGLIARDI, ALBERT J	2878	250-358100

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1. Kilpatrick Stockton LLP

2. _____

3. _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Science Applications International Corporation

San Diego, California

Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government

4a. The following fee(s) are enclosed:

4b. Payment of Fee(s):

- Issue Fee
- Publication Fee (No small entity discount permitted)
- Advance Order - # of Copies 10

A check in the amount of the fee(s) is enclosed.

Payment by credit card. Form PTO-2038 is attached.

The Director is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number 501458 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
- b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Date

11/10/05

Typed or printed name

George T. Marcou

Registration No.

33,014

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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SAIC0055-C-CIP1

PATENT

\$
cc

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Victor V. VERBINSKI, et al.

Group Art Unit: 2878

Serial No. : 09/925,009

Examiner: Albert J. Gagliardi

Filed: August 9, 2001

For: DENSITY DETECTION USING REAL TIME DISCRETE PHOTON
COUNTING FOR FAST MOVING TARGETS

SUBMISSION OF ISSUE FEE PAYMENT

U.S. Patent and Trademark Office
Customer Service Window, Mail Stop Issue Fee
Randolph Building
401 Dulany Street
Alexandria, VA 22314

Sir:

Responsive to the Notice of Allowance and Issue Fee Due mailed August 10, 2005, the undersigned is submitting herewith the Issue Fee in the amount of \$1,400.00 in the above-identified application, plus an additional \$30.00 for ten extra copies of the patent. A copy of Part B of the issue fee transmittal is submitted herewith. Please address all future correspondence in this application to the undersigned at the following address:

George T. Marcou
KILPATRICK STOCKTON LLP
Suite 900 - 607 14th Street, N.W.
Washington, D.C. 20005-2018
Telephone: (202) 508-5800

This application is assigned to Science Applications International Corporation, 10260 Campus Point Drive, San Diego, California, 92121.

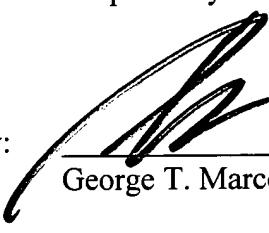
The Commissioner is hereby authorized to charge any additional fees associated with this communication or credit any overpayment to Deposit Account No. 501458.

Entry of this submission and prompt notification thereof is respectfully requested.

Respectfully submitted,

Dated: 11/10/05

By:


George T. Marcou, Registration No. 33,014

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